NOVAPPLE Newsletter

$1.75

VOLUME VII - NUMBER 7 NORTHERN VIRGINIA APPLE USERS GROUP SEPTEMBER 1987

COMPUTER FITNESS "THE EYES HAVE IT"

By Sally Kochendofer, Ph.D.

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ince I began using my computer....

eck One:
I've started wearing glasses (or contacts).
I've had my vision prescription changed.
I have headaches.
I continue to see "Apple-File-Edit-Search, etc." ...even en I'm away from my display screen.

you can answer "yes" to any one of the statements above, lp is on the way in the way of Vision Training. You can gin right NOW to preserve and improve your vision.

u've heard the expression, "Pain in the neck?" Tension in e neck muscles constricts the blood flow to the head ntributing to poor vision. Likewise, faulty vision habits straining to see, staring, improper lighting, etc., all ntribute to less than perfect eyesight.

:low are some helpful hints that pertain to the Computer:

)Adjust the screen brightness to your comfort level :cording to surrounding light. Avoid the highest contrast nd just leaving it set.
)Place your computer at right angles to a window , rather han opposite a window (which can cause a glare) or facing nto the window.
)Install the specific screen fonts you are using. Keep the :yping in Geneva or Chicago then change less easily seen font when printing. For Laser printers, install specific font sizes used most frequently, especially small sizes, as reading will be more clear.

[CONTINUED ON PAGE 6.]

A NEW BBS FOR NOVAPPLE

By Nancy Harvey

WHY?

The current BBS Software used by Novapple is called the UBBS system. This software is no longer sold or supported. As a result the volunteer sysops are finding it takes more and more time to keep the BBS up and running. After a considerable search a new BBS package has been found that promises to provide many more benefits for the users and an easier time for the sysops.

WHAT?

The new BBS package is Proline, by San Diego programmer Morgan Davis. There are currently over 19 proline BBS systems in operation and more are coming on line everyday. Proline emulates UNIX on an Apple II providing a programmable c shell, popular UNIX commands, a program editor and UNIX to UNIX communications. Standard protocols are used for the Proline message system. As a result users can exchange messages directly with Arpanet and other national networks that use these protocols.

WHAT DOES IT DO FOR YOU?

- It allows the BBS to automatically acquire network newsfeeds from Apple, and allows you to query other network participants such as Beagle Brothers.

- If we wish it allows us to send and receive mail messages to anyone else on the Proline or Arpanet systems by addressing our message through the next nearest major node.

- It allows easy set up, input to and reading of messages on specific subjects.

- It is much easier to Download programs and data libraries with this system.

- Expert users can "escape" the conference system and gain access to personal program areas where major unix like tools are available including c shell programming.

[CONTINUED ON PAGE 4.]

DISCOUNTS

SPECIAL OF THE MONTH:

APPLE

SUMMER SPECIAL!!
Cooling Fan: $39
WHILE THEY LAST!

MACINTOSH CORNER

- SS/DD DISKS, BOX OF 10 .. $14.00
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- SS/DD, PAK OF 25 ..... $11.00
- SS/DD, CASE OF 100 ..... $39.00
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- 2-NOTCH/DS/DD, BOX OF 10 . $6.00
- 2-NOTCH/DS/DD, PAK OF 25 . $13.00
- 2-NOTCH/DS/DD, CASE OF 100 . $45.00
- 10 DISKETTE CASES ..... $2.25 EACH 5 for $10.00

(SPECIFY COLOR CHOICES: BEIGE, BLACK, BLUE, GREEN, GREY, RED, YELLOW)

- 75 FLIP TOP DISK CASE ... $11.00

PRINTERS

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- CITIZEN MSP-15, WIDE $399.00
- PANASONIC P3131, LQ $329.00
- NEC P6, LQ $495.00
- OKIMATE 20 COLOR $209.00

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- 2500 SHEETS OF PAPER ... $29.00
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- PRINTER STAND $14.00
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- SWITCH BOX, 4 WAY $59.00

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- EPROMS 27128/27256 ..... $8.00
- 64K, SET OF 8 ..... $9.60
- 256K, SET OF 8 ..... $24.80

GENERAL ITEMS

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- MINI POWER CENTER $58.00
- CABLE GENDER CHANGER $9.00
- CABLES (S OR P) $19.00
- GLARE FILTER $29.00

COMPATIBLE COMPUTERS

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- VF PC, APPLE II & IBM COMPATIBLE $929.00
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GAME I/O DEVICES

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- 512K MEMORY ..... $177.00 *
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- SERI-ALL $99.00
- ACCELERATOR $229.00
- EDD 4 PLUS EXACT BIT COPY BOARD $69.00
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- SINGLE-SLOT EXTENDER .. $29.00
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APPLE SOFTWARE

- COPY II + ... $29.00
- ESSENTIAL DATA DUPLICATOR $25.00
- PLUSWORKS (RUNS APPLEWORKS ON II+) $19.00
- "WRITE CHOICE" WORD PROCESSOR $29.00
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- HOTLINK TO PARALLEL PRINTER $55.00
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- PRINTER OR MODEM CABLE $20.00
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- 9-16 GAME I/O ADAPTER $9.00
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- MULTI-RAM CX, 512K $268.00

*** DENOTES NEW PRICE**
· DENOTES NEW ITEM

LONG DISTANCE:
The new VF toll-free ordering number is now operating. Call **800-666-STAR**.

UPS SHIPPING:
$4.00 per order plus $6.00 per printer or monitor. Computers: $30.00

PLEASE NOTE:
Add 10% per 30 days for purchase orders.

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8231 Woodmont Avenue, Bethesda, MD 20814 ☎ (301) 652-4232

STORE HOURS: Monday through Thursday: 12 noon - 8 p.m.
Friday: 12 noon - 6 p.m. ■ Saturday: 11 a.m. - 5 p.m.

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Clinton Computer -- A Full-Service Dealership!

Five Stores Cover Metro Area

Clinton Opens Fifth Store – in Rockville

Clinton Computer, the Metro area's largest independent retail computer dealer, now has five stores -- in Clinton, Rockville and Laurel, MD, and in Vienna and Alexandria, VA. We are authorized dealers for Apple™ microcomputers at all five locations.

In addition, our Clinton and Alexandria stores are authorized IBM™ Personal Computer dealerships. We also sell printers, monitors, software, supplies, and service.

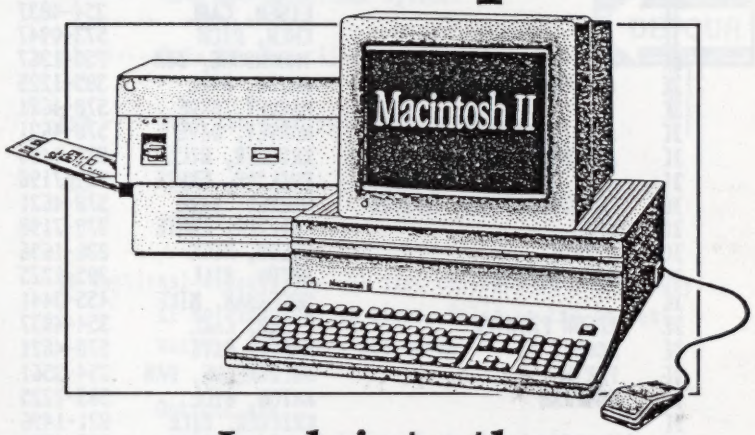
Clinton Computer's Old Town Alexandria Store

The company also operates a huge 3600-square-foot service and repair facility in Clinton, with satellite repair shops at the Laurel, Vienna, Rockville and Alexandria stores.

Clinton Computer was founded in 1978 by co-owners Art Lundquist and Chuck Perilli. It began as a two-man consulting firm on the fourth floor of an office building and has grown into a multi-million-dollar retail business.

DISCOUNT POLICY FOR NOVAPPLE MEMBERS

CLINTON COMPUTER offers NOVAPPLE members a 25% DISCOUNT OFF THE LIST PRICE on all non-allocated Apple brand peripherals (no CPU's), software and AppleCare. For upgrades, the 25% discount applies to both the parts and normal labor rate. Discount is available to persons who have been NOVAPPLE members for at least 3 months. Discount cannot be applied retroactively. NOVAPPLE members need to present their cards up-front. No phone or mail orders, please. Discount cannot be used in combination with other promotions. Products on allocation from Apple are excluded from this offer. Clinton Computer reserves the right to change this policy at any time.



Look into the New Macintosh II

The new Macintosh™ II. There's a lot to look into. And it's easy. Just lift off the cover, and you're inside a whole new world. A world that makes it simple for you to adapt, expand, upgrade, and configure the Macintosh II to meet *your* needs. And with color, too!

What's more, the Macintosh II is the fastest and most powerful member of the Macintosh family -- processing information at four times the speed. And with six internal expansion slots, you have tremendous expansion capabilities. Which means there's practically no limit to what it can do for your business.

Best of all, it's a Macintosh, so training time is minimal. In fact, you can learn to put all these new capabilities to work -- in just a few hours.

Come in and take a close look at the new Macintosh II. There's a lot more to it than meets the eye -- inside and out!

Training Available

Clinton Computer offers a comprehensive training program on both Apple™ and IBM™ microcomputers. Classes, currently scheduled through October, include New Owners' Workshops, Mac Graphics, AppleSoft BASIC, AppleWorks, Lotus 1-2-3, Microsoft Works and more!

For registration information, contact Paula Majerowicz at our Laurel location -- 953-1110.

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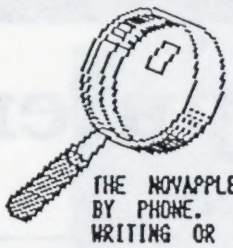
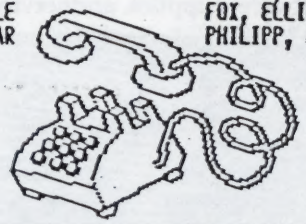


HOT-LINE HELP

THE NOVAPPLE HOTLINE IS A LIST OF VOLUNTEERS WHO HAVE AGREED TO ANSWER YOUR QUESTIONS BY PHONE. PLEASE DO NOT CALL AFTER 10PM EST. PASS UPDATES TO ERINE PHILIPP IN WRITING OR CALL HIM AT HOME AT 379-7198.

SUBJECT	NAME	PHONE
1st CLASS MAIL	THORNBURG, JIM	750-1367
APPLE PIE WORD PROCESSOR	LAUFER, GABOR	765-4539
APPLESOFT	ANTON, BILL	385-1225
	LAUFER, GABOR	765-4539
	PANKIN, MARK	524-0937
	PHILIPP, ERNIE	379-7198
APPLEWORKS	KRIEGER, BILL	821-1496
	CONCAUGH, INA	256-3062
	EISEN, CARL	354-4837
	CHEW, RICH	573-0947
	THORNBURG, JIM	750-1367
APPLEWRITER][	ANTON, BILL	385-1225
	HARVEY, DAVE	578-4621
ASCII EXPRESS	HARVEY, DAVE	578-4621
ASSEMBLY LANGUAGE	KRIEGER, BILL	821-1496
	PHILIPP, ERNIE	379-7198
COMMUNICATIONS, Modems	HARVEY, DAVE	578-4621
CP/M	PHILIPP, ERNIE	379-7198
D BASE	VELOS, NICK	836-1696
DISK BACK-UP	ANTON, BILL	385-1225
	UNGERMAN, MIKE	455-3441
EPSON PRINTER	EISEN, CARL	354-4837
FORMAT II	HAREY, DAVE	578-4621
FORTH	HOLDGREIWE, DAN	354-3561
FORTRAN	ANTON, BILL	385-1225
	KRIEGER, BILL	821-1496
GAMES	LAUFER, GABOR	765-4539
INVESTMENT PROGMS/STOCKS	PANKIN, MARK	524-0937
LOCKSMITH	ANTON, BILL	385-1225
MACINTOSH	PANKIN, MARK	524-0937
	LOVE, JOHN	569-2294
MATH / STAT	PANKIN, MARK	524-0937
MULTIPLAN	PHILIPP, ERNIE	379-7198
	BALDWIN, MILES	938-8457
	LUCAS, TOM	321-9593
OPS RES / MGT SCIENCE	PANKIN, MARK	524-0937
PFS : FILE	LUCAS, TOM	321-9593
PFS : REPORT	LUCAS, TOM	321-9593
PRODOS	KRIEGER, BILL	821-1496
PROWRITER PRINTER	KRIEGER, BILL	821-1496
SCREEN WRITER II	PETRENKO, PETE	321-7332
	LUCAS, TOM	321-9596
SIDER HARD DISK	THORNBURG, JIM	750-9593
SUPER TEXT	VELOS, NICK	836-1696
THE ACCOUNTANT	PANKIN, MARK	524-0937
TURBO PASCAL	PHILIPP, ERNIE	379-7198
VISI CALC	THORNBURG, JIM	750-1367
VISI DEX	LAUFER, GABOR	765-4539
VISI FILE	FOX, ELLIOT	780-4403
WORD STAR	PHILIPP, ERNIE	379-7198



YOU MAY LEAVE QUESTIONS ON THE BULLETIN BOARD WITH YOUR NAME AND NUMBER. IF YOU ARE INTERESTED IN VOLUNTEERING YOUR TIME ON ANY NEW APPLE ITEMS, PLEASE CONTRACT ERINE PHILIPP.

[NEW BBS FROM PAGE 1.]

NOW FOR THE BAD NEWS.

New users can easily get lost wandering among all the extra capabilities and conferences.

BUT GOOD NEWS AGAIN.

The BBS committee is developing several new items to help us get over the initial learning hump.

- A one page cheat sheet of BBS commands will be published in the newsletter and made available separately to all new BBS users.

- A brief guide on how to use the system will be provided to each new BBS user.

- A series of demonstrations and tutorials featuring the new BBS systems as the new system comes on line.

- Eventually, if your feedback indicates it is needed, the BBS committee believes the system can be customized to offer a novice menu option for new users.

WHEN?

Novapple hopes to have the system operating under Proline by October.

-NOVA3

[NOVAPPLE'S NEW PROLINE BBS]
[1-703-352-5842]

1-703-352-5842

THE NEW NOVAPPLE BBS SYSTEM COMMAND LIST **

On the following page is a list of most of the commands available on our new system. Throughout the list the following abbreviations are used:

rsh--------The "restricted shell".
csh--------The "command shell".
(C/R)------A "carriage return" (or "enter key") that you must press.
A)ny key---A command activated by a single keypress, in this case, "A".
<arg>------An "argument" or "option" to a command that you must supply. In most cases, the system will accept a (C/R) and will use as a default the "most likely" option.
^C---------A control character (this one indicates a CONTROL-C).
*----------This indicates that some restrictions apply to this command

DISPLAY CONTROL:

While you are logged onto Pro-Novapple, the display is controlled by two "control" keys. CONTROL-S will stop the display from scrolling, and a CONTROL-Q will restart the scrolling. Some systems will accept any keypress as a signal to restart the scrolling. On Pro-Novapple, you must use the CONTROL-Q.

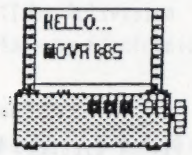
You also have an "interrupt" key available to you. At most places on the system, typing this key will stop (abort) whatever operation is in progress. The interrupt key is initially defined as CONTROL-C, but you may change it it you wish.

ONLINE HELP:

While you are online, help is always available. From within rsh or any of the sub-sections, simply type a question mark (?) at any prompt.

Note: Thanks to Rich Sims of THE EXCHANGE (another Pro-Line site) from who most of this was originally obtained.

-NOVA



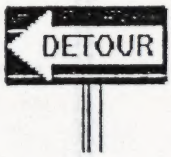
1-703-352-5842

PRO-NOVAPPLE C-SHELL (EXPERT) COMMAND LIST

Some of the more important C-Shell commands are described in detail below followed by a list of all commands available in the csh.

help --- prints out a file containing some helpful instructions and then prints out all the titles (commands) of the sections of the system manual for use by the "man" command. (see below)

cs ----- Goto the conference system.



dl ----- Goto the data library.

msg ---- goto the electronic mail system.

who ---- lists all users registered on the Pro-Novapple system.

ls <options> directory ----- list contents of a directory. if no directory is given, files in the current working directory are shown.

Options are:
-a displays all files, including hidden files.
-l displays a "long" directory.

cat filename ----- prints out the contents of a file on your screen. Any type of file can be displayed, but ASCII (txt) and script (CMD) files will produce the only meaningful results.

edit filename ---- Used to make changes in a text file or create a new text file in your directory. The editor can hold up to 300 lines of text.

rsh ------------- Goto the restricted "user friendly" shell. Use this command if you accidently get into csh.

whatis command --- Looks up a given command and gives the header line from the manual section. If * is given instead of a command name, whatis displays one-line summaries of all commands.

man title -------- Man displays the pages from the ProLine Operator's manual for the specified title. You can request that the whole manual be printed out by using * as the title.

[CONTINUED ON PAGE 9.]

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CLUB PHONE (Answering machine with announcements - will record your messages.) (301) 899-4005

NOVAPPLE BULLETIN BOARD SYSTEM (300 AND 1200 baud speed.) . . . . (703) 352-5842

(On the Bulletin Board, send Newsletters articles to Chuck Edmiston.)

Membership & General Correspondence: NOVAPPLE, P.O. Box 804, Merrifield, VA. 22116

Diskette Orders: . . . . . NOVAPPLE, 514 North Flordia Street, Arlington, VA. 22203

Newsletter Info & Address: . . . . NOVAPPLE, 6504 Bowie Drive, Springfield, VA., 22150

[EYES FROM PAGE 1.]

You've heard of "tennis elbow", "writer's cramp," etc. The newly-dubbed computer occupational problem is the "Stiff Mac-Apple Neck Syndrome". To avoid SMANS the following are guaranteed to relieve:

Touch your ear to your shoulder first one side then the other; Please don't try touching both ears to the same shoulder!

Breathe deeply - closing your eyes and breathing deeply works miracles of relaxation; open your eyes on the exhale.

Blink Lightly and frequently - not continuously, of course nor one eye at a time. This latter may be perceived as flirting.

Shift near to far shift your vision to some distant point - a tree outside your window, the wall in the next room, etc.

A helpful reminder is to do this at each time you type a period - or when you read one.

Nose Writing.

If you're having group practice of this exercise it's a must to close your eyes. Otherwise, looking at other people will make you self-conscious and you will be inclined to stop.

Thus, close your eyes, begin on your left and write your name in large letters; if your name is as long as mine you may have to start a second line - that's okay.

If you're really flexible, you may try "wraparound" like some word processing programs!

Seriously, in the last six months of computer work I have found it necessary to increase Vision Training exercises to preserve the level of vision obtained after special training to eliminate the need for glasses and contacts worn for over twenty years.

Yet the few minutes of time you invest for these simple exercises result in dividends of work energy level, relaxation and effective vision.

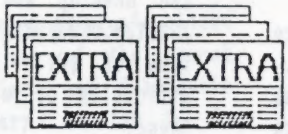
Resources:

Bates, W.H. The Bates Method for Better Eyesight Without Glasses. N.Y.:Holt, Rinehart & Winston, 1968.
Corbett, M.D. Help Yourself to Better Sight. CA: Wilshire Book Company, 1949.
Huxley, A. The Art of Seeing. CA: Creative Arts Book Co., 1982.

-NoVAC

APPLE IIGS AVAILIBILITY LIST

For all our Apple IIGS owners, here's the latest word on what's available for their computer.



---SOFTWARE---

Word Processing-
WordPerfect by WordPerfect (801) 225-5000
GraphicWriter by DataPak (818) 905-6419
MultiScribe GS by Styleware (713) 668-1360

Database--
GS File by Softwood (602) 893-1407
Notes & Files by DataPak (713) 905-6419

Spreadsheet--
VIP Professional by ISD Marketing (416) 479-1880

Business Graphics--
Visualizer by PBI (415) 349-8765

Communications--
CommWorks by PBI (415) 349-8765
Mouse Talk by United Software (818) 887-5800

Music-Composition--
Music Construction Set by Electronic Arts (415) 572-2787
Music Studio by Activison (800) 227-9759
Instant Music by Electronic Arts (415) 572-2787

Music Files--
Rock & Roll Music Disk by Electronic Arts
Jazz Music Disk by Electronic Arts

Graphics Library--
Clip Art Gallery by Activision (800) 227-9759
Art Parts (vol. 1 & 2) by Electronic Arts (415) 572-2787
Seasons & Holidays by Electronic Arts

Paint--
Paintworks Plus by Activision (800) 227-9759
TopDraw by Styleware (713) 668-1360
Deluxe Paint II by Electronic Arts (415) 572-2787
816/Paint by Baudville (616) 957-3036

Entertainment--
Tass Times in Tone Town by Activision (800) 227-9759
Shanghai by Activision
Hacker II by Activision
Bard's Tale by Electronic Arts (415) 572-2787

Education--
Kids Time II by Great Wave Software (408) 438-1990
Information Laboratory (life Science) by Addison Wesley (415) 853-2512

Language--
TML Pascal by TML Systems (305) 242-1873

Desk Accessories/Utilities--
GS Starter Kit by Pinpoint (415) 654-3050
Lifeguard (disk utilities) by Harbor Software (617) 263-1870

--HARDWARE--

Peripheral Cards--
SuperSonic Stereo Card by MDideas (415) 573-0580
Digitizer Card by MDideas
OctoRam Memory Card by MDideas
ProGrappler (parallel interface) by Orange Micro (714) 779-2772
RamPak 4GS Memory Card by Orange Micro
Vision Plus by AST Research (714) 553-0340
GS RAM & RAM+ (memory cards) by Applied Engineering (214) 241-6060

Accessories--
The Kurta IS/GS Tablet by Kurta Corp. (602) 276-5533
Conserve by MDideas (415) 573-0580

SCSI--
S40 Hard Drive by CMS, Inc. (714) 259-9555
20, 30, 45, 65 & 80 MB Hard Drives by Peak Systems (515) 329-1020

-NoVAC

THE SCSI TAPE BACKUP

From John Wesner

The Apple Tape Backup 40SC offers users unlimited storage capacity when backing up large quantities of critical data. It features 40 megabytes of backup storage with each tape cartridge, or 50 times the storage capacity of a single 800K disk.

Its SCSI interface allows users to operate it with all the Macintosh hard disk based systems, and a SCSI expansion port provides room for additional growth by allowing them to connect hard disks, other tape backup systems, and external Apple Hard Disk SC drives. It can be stacked with all of the external Apple Hard Disk SC drives.

A tape backup program is included with the Apple Tape Backup 40SC. It offers Volume and File backup/restore options. Users also receive one QIC-100 pre-formatted quarter-inch tape cartridge enabling them to backup or restore their entire 20MB or 40MB hard disk in one easy operation or select individual files as needed.

The Apple Tape Backup 40SC will be available in May, 1987. A five-pack of pre-formatted backup tape cartridges may be purchased separately.

-NoVAC

SCHEDULE OF UPCOMING EVENTS

REGULAR GENERAL MEMBERSHIP MEETINGS

1st Saturday -- Room 110 or 120, Bisdorf Bldg, Alex Campus NoVA CC - 10:00 AM
3rd Wednesday -- Room No.1, FAIRLINGTON COMMUNITY CENTER
3300 S. Stafford Street in Arlington - 7:30 PM

Saturday	Sept	5	10:00 AM	NVCC	Labor Day Weekend!!
Wednesday	Sept	19	7:30 PM	FCC	Assembly Language
Saturday	Oct	4	10:00 AM	NVCC	ELECTIONS!! Comm / BBS Basic
Wednesday	Oct	21	7:30 PM	FCC	APPLE Games.
Saturday	Nov	7	10:00 AM	NVCC	Appleworks
Wednesday	Nov	18	7:30 PM	FCC	Bulletin Boards BBS'
Saturday	Dec	5	10:00 AM	NVCC	Christmas Apple Party
Wednesday	Dec	16	7:30 PM	FCC	Apple Catch-All...

[FOR IIGS FROM PAGE 8.]

For example, Multiscribe, GraphWriter, and PaintWorks Plus all support them but Music Studio does not. So if these utilities are important to you, make sure that your new applications support NDA's. There seems to be some support happening for these, but not as much as for CDA's. Some available ones include clock, locater (shows mouse position) and Meltdown (which gradually simulates a "melting' of your display picture. Nothing to get too excited about yet, but hopeful for the future. One of the advantages of this approach (NDA's) over the CDA's is that the desk accessories work in windows within a desktop and mouse environment and you could even have several active at a time. The CDA's on the other hand do not normally operate in a window but rather interrupt the running of the application and take full control of the GS during their operation and is normally not mouse driven.

The promising thing about NDA's is that they indicate Apple's future direction for the GS. Soon, hopefully we will have a true desktop/finder type of program that runs under native 16-bit mode on the GS with all kinds of New Desk Accessories to choose from. Stay tuned there will be lots more ahead.

References:

"Technical Introduction to the Apple IIgs" from Addison-Wesley Publishing Co. Inc. in their Apple technical manual series.
"Apple IIgs Technical Reference" by Michael Fischer from Osborne McGraw-Hill Inc.

MACRETARY WANTED:

"Macretary needed for small office in Arlington. Familiarity with MacWRITE and OverVUE necessary; WORD, EXCEL, WORKS, desk-top publishing, etc. a plus. Office does sales for NY fund-raising firm est over 20 years. Familiarity with Catholic Church helpful, but not necessary. Tasks will be varied. This is not a data entry, sit in front of a computer all day type job. Organization and keeping boss organized and filed is important. (I tend to have disks and papers all over the place.) Office also has an IBM Display Writer which other secretary uses and you'll probably have to lower yourself once in a while. Salary is $18 + bennies. Call John Goepel at The Martin J. Moran Company, at 528-7377."

-NoVA

GS DEMOS

The June mailing from The Apple User Group Connection contained a number of items concerning the Apple IIGS. One of these was a set of Apple IIGS Demonstration Sampler disks. These disks contain applications that highlight advanced features of the Apple IIGS. These disks (4 - 3.5") will be available in our disk library. Also in this mailing was an Apple IIGS software/hardware availibility list- what's now being shipped. Copies of this list will be available in our lending library at Saturday meetings.

-NoVA

PRO-NOVAPPLE COMMAND LIST QUICK REFERENCE CARD

MAIN COMMAND [Command:]
CONFERENCE SYSTEM [c:]

MAIL SYSTEM [m:]

C = Conference System
N = Next conf - (C/R) also
H = Print <letters> one line headers
M = Mail (Read Mail)
J = Join a conference
L = List headers for all your ltrs
S = Send (private mail)
R = Resign from a conf

N = Display the next letter
D = Data Library
S = Show info
P = Display the previous letter
W = Who (user list)
S)how L)ist of conferences
T = Type <letters>
T = Time
S)how U)nread msg summary
S = Send a letter
N = News files
S)how J)oined conferences
F = Forward <letters> to others
P = Page SysOp
S)how I)nfo on a conference
C = Send comment (reply) to <letters>
E = Exit to csh*
S)how C)lipboard file
D = Delete <letters>
I = Info about the system
Q = Quit conference system
M = Move <letters> to a file
B = Bye (hangup)
B = Bye (hangup)
U = Undelete <letters>
- = Display time and date
V = List all your defined variables
Q = Quit mail system
* = Registered users only

- = Display date and time

READ COMMANDS [r:]

<msg> arguments

<letters> arguments

A = Add (post) a new message
C = Last accessed msg
A = All of the letters
B = Back to last read message
N = Next, current msg + 1
C = Current (Last letter typed) or (C/R)
C = Comment (reply) to <msg>
P = Previous, current msg -1
N = Next letter
D = Delete <msg> (yours only)
F = First message
P = Previous letter
H = Headers <msg>
L = Last message
F = First letter (oldest)
J = Join a topic in this conf
A = All messages
L = Most recent letter
Q = Quit this conf/topic
O = Original msg of a comment
2 = Letter no. 2
N = Next unread msg - (C/R) also
U = Unread messages
2-9 = Letters 2 thru 9 (inclusive)
O = Original msg of a comment
3 = Message number 3
-9 = First letter thru letter 9
R = Resign from this conf
-3 = Messages from 1 to 3
2- = Letter 2 thru the last letter
S = Skip to <msg>
3- = Messages from 3 to end
T = Type <msg>
3-9 = Messages from 3 to 9
W = Where am I?

EDITOR COMMANDS [e:]

X = Send <msg> using XMODEM

- = Display date and time

A = Add text to end of buffer

C = Change part of <lines>

ADD MSG COMMANDS [a:]
SEND MAIL COMMANDS [s:]

D = Delete <lines>

F = Find <pattern>
I = Input, add more text
I = Input, add more text

I = Insert text at <line>
L = List the message
L = List the letter

L = List <lines> with numbers
E = Edit the message
E = Edit the letter

P = List <lines> w/o numbers
S = Save the message
S = Send the letter

R = Read a file into buffer
Q = Quit, cancel message
Q = Quit, cancel letter

Q = Quit, SAVE changes
C = Clear and start over
F = File, append a file to ltr

X = Exit, CANCEL changes
M = Merge clipboard or
W = Word wrap ON/OFF

MISCELLANEOUS COMMANDS:

? = Help, show command list - from any prompt

3 = Line number 3
^D = Logout, hangup from rsh or csh command prompts

-3 = Lines from 1 to 3

3- = Lines from 3 to end

3-9 = Lines from 3 to 9

original message

V = List msg variables

<lines> arguments

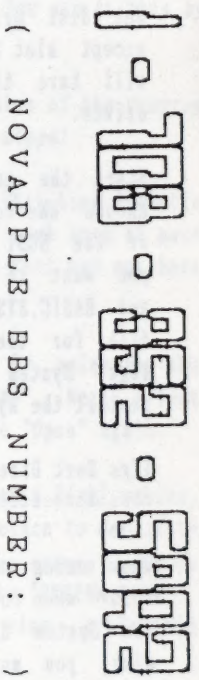
C = Cc, send Carbon Copies

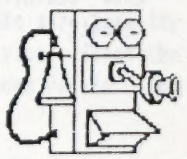
A = All lines

B = Bc, send Blind Copies

F = First line
L = Last line

(NOVAPPLE BBS NUMBER:)





TECH TIDBITS

From East Coast Tech Support

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% % % APPLE II FAMILY % % %

Apple //e to HD20SC Connection
==========

Q: Can I use a SCSI drive on a //e? If so, how would I connect up an HD20SC to a //e?

A: Yes, you can hook up the HD20SC to any Apple II except the //c. You will need the following:

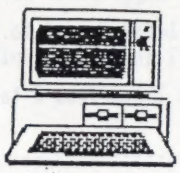
A2B2087 Apple II SCSI card
M0206 Apple SCSI System Cable (smoke)
M0209 Apple SCSI Cable Terminator

Set the interface card so that the jumper is under column 9. Set disk drive priority to 6. Plug the card into any slot except slot 3. If you want it to autoboot to the HD20SC, you will have to plug it into a slot higher than your other drives.

Start the computer with the System Utilities Diskette, and choose the Format a Volume option and provide the slot number of the SCSI interface card. Your disk is now formatted. If you want to use it as a startup disk, copy the files PRODOS and BASIC.SYSTEM to the hard drive. If you are formatting the disk for the IIgs, simply copy all of the files from the IIgs' System Utilities diskette to the hard disk. When done, restart the system.

IIgs Sort Directory "Out of Sorts"
==========

When using a single drive IIgs system, a system crash will occur when Sort Directory is attempted on any disk other than the System disk. To sort on a disk other than the System disk, you must eject the system disk and insert the disk on which you wish to perform the sort. After choosing the Sort Directory desk accessory from the Desktop under the Apple icon on the Menu Bar, an alert window opens up which says "Warning! Please insert the system disk." If you eject the disk and click OK, the system crashes, making it necessary to reboot.



System Crash Workaround:
To prevent a System Crash, choose the Cancel option from the Warning window. Eject the data disk and reinsert the System disk.

Sort Directory Workaround:
1. Attach another drive to the system so that the System Disk can remain resident: You can utilize your old 5.25" drive, if you have one for your System files (refer to this week's Feature Article) in order to free up the 3.5" drive with it's greater storage capacity for data file storage.

2. Upgrade IIgs memory so that the RAM disk can be utilized.

Replacing the //e Extended Keyboard in a //e to IIgs Upgrade
==========

The part number for an Apple //e Extended Keyboard is 661-0357. If the system has been upgraded to a IIgs, then the Extended Keyboard will need to be modified before the keyboard will work properly. For a complete explanation on cutting and soldering the keyboard to make it work on the IIgs Logic Board, please refer to your Tech Procedures Manual, Volume 1, under Apple IIgs, Section 5, Page 5.16 and 5.17. When cutting the two jumper pads, be extremely careful so that no other traces are cut.

==========

% % % DEPARTMENT OF FUNNY STORIES % % %

When All Else Fails...
==========

It was time for a new modem, and when it arrived, I immediately set about getting it hooked up, turned on the computer, booted my terminal program and entered a phone number to dial. Nothing. I double checked settings; I double checked the AppleTalk connections; I checked the cable; I tried dialing again. Nothing. I read the manual. I rechecked all my connections and double-checked my terminal settings. I checked the Baud rate. Nothing. The modem lay there deader-than-a-doornail. I'm a TSR, I thought. This shouldn't be happening to me! I leaned back in my chair, deep in thought and stared down at the toes of my shoes (which doesn't help matters much, admittedly, but it does help me think), and after some minutes of contemplation, the truth began to dawn on me. There, right next to my left foot lay the power cord, unplugged!

!@#$%@#%^ Flasher
==========

Our customer came in with a //e for repair. He said every time he got into his program, he lost the "Cursing Flasher." [Submitted by Anne Lind of OmniComp Charlesville]. Thanks Ann!

% % % MACINTOSH FAMILY % % %

MacII RAM Configurations

Q: What are the acceptable MacII RAM configurations?

A: The Macintosh II can presently be configured in five ways: 1M (standard), or 2M, 4M, 5M and 8M using memory upgrades. No hardware modification need be made to arrive at any of these configurations.

Bank A and Bank B are composed of four slots and all slots MUST have a SIMM installed. If you are using different density RAMs, then alway place the higher density ICs in Bank A.

The following chart summarizes the various SIMM configurations the Mac II will support.

RAM	Bank A	Bank B	What To Order
1M	Four 256K SIMMs	Empty	Factory Standard
2M	Four 256K SIMMs	Four 256K SIMMs	1 - M0218
4M	Four 1M SIMMs	Empty	2 - M0219
5M	Four 1M SIMMs	Four 256K SIMMs	2 - M0219
8M	Four 1M SIMMs	Four 1M SIMMs	4 - M0219

Parameter RAM Revisited

Q: How do I reset Parameter RAM on the SE?

A: To reset the parameter RAM on the MacSE, you must hold down the Shift, Option and Open-Apple (or Command) keys while selecting the Control Panel. A dialog box will be displayed asking if you want to zero Parameter RAM. Indicate "yes" and then Restart the SE using known good System Software.

% % % PRINTERS % % %

ImageWriter LQ Information

Q: Does the ImageWriter LQ have 24 pins?

A: No. The ImageWriter LQ has 27 pins.

% % % THIRD PARTY SOLUTIONS % % %

CP/M to AppleWorks - A Lost Cause?

Q: One of my customers has some CP/M files that need to be converted to AppleWorks. Can it be done?

A: There are a number of ways to convert CP/M files. One solution was provided by George Elmore of ComputerLand Gainsville in last issue of Tidbits (See Feature Article). Another solution is provided by Quality Software using their Universal File Conversion Utility which allows you to go between DOS 3.3, CP/M, Pascal and ProDOS. For more information, call Quality Software at 818/709-1721.

FEATURE ARTICLE

Creating a 5.25" Floppy Version of IIgs System Utilities

Some IIgs owners, who own only 5.25" drives, or who own a 3.5" and a 5.25" drive, and who want to use the 3.5" drive as their data disk, will need to have the IIgs System Utilities formatted for them on a 5.25" disk. You can do this by following the steps outlined below:

You can create a 5 1/4" floppy disk version of the program using the System Utilities in the following steps:

1. Start by booting the Apple IIgs System Utilities diskette in a 3.5" drive. The process below will work best if used with an Apple IIgs System Utilities disk that has not been altered in any way.

2. Start the System Utilities Program by selecting the folder labeled "SYS.UTILS", then choose "Open". Next, select the file called "SYSUTIL.SYSTEM", then choose "Open" again.

3. Using the arrow keys, select the "Format a Disk" option, then press return twice. Type "6" then return to designate slot 6 for the diskette to format, press return again to choose "ProDOS". The default name will be "SYSTEM.DISK". This should be changed to something else, preferably "UTILITIES". Press return twice.

4. Press return, then select "Copy Files" from the main menu with the arrow keys. Press return, then choose "ProDOS Pathname". Press return again. Back up over the default pathname, then type "/SYSTEM.DISK/SYSTEM/", press return twice. Type "6" again if necessary to make sure that the file is copied correctly, then press return twice. Press the spacebar to select the file "P8", then press return. The file will be copied, then press return.

[CONTINUED ON PAGE 14.]

[UTILITIES FROM PAGE 13.]

5. Repeat step four above with the following differences:
a) change the default pathname to "/SYSTEM.DISK/SYS.UTILS/"
b) select "All" files instead of "Some".

6. Using the arrow keys, select the "Rename a file" option, then press return twice. Type "6" if needed, then press return twice. Select the file "P8" by pressing the space bar, then press return. The new name will default to "P8", change that to "PRODOS", then press return. Press return again to return to the main menu.

7. You should now be able to boot the 5.25" disk as a system disk.

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BOARD MEETING MINUTES

By Dave Harvey

The month meeting of the Board of Directors was held at the home of Tom Lucas on 14 July 1987. Present were Tom Lucas, Scott Travis, and Jim Thornburg.

The first item discussed was the status of our budget. Reviewed was our normal expenses in a typical year. This included phone bills, printing and mailing costs associated with our newsletter, a yearly bulk mailing fee, miscelleous postage costs, Virginia state corporation fee, and Virginia State Sales Tax. At present, our cash on hand is about $300, which is enough for the printing of one newsletter. The board decided that in the future we should have a more formal budget presented each year to better manage our club.

The next item discussed was the status of the membership database. The database is kept by the vice-president and is used to keep track of each member and is used to send out newsletters and renewal of dues notices. Scott had all of the material together ready for turning over to the new vice-president, Bill Sanderson.

The next item discussed was status of revenues from membership dues, newsletter ads and other sources. It was determined that mailing of renewal notices to members was way behind and is one of the prime reasons why our cash on hand is so low. Bill Sanderson promises that he will make an effort to remedy this situation. We will soon be getting some additional revenues from newsletter ads.

The next item was the Apple Licenseing agreement. This item was tabled due to our shortage of funds. Another item tabled was a discussion of purchase of new BBS software for the same reason.

!!!

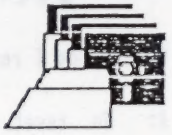
Tech Tidbits is a weekly document published by East Coast Technical Support and is designed to communicate Service and Support issues to our Service Providers.
It is our desire to obtain a widespread distribution. Feel free to forward the Tidbits to everyone. All comments, suggestions, and contributions are greatly appreciated. Please Link all feedback and requests for distribution list additions to TECH.EAST. Back-issues of Tech Tidbits can be found in the Technical Support Folder in the NE and SE Regional BBSs.

!!!

There will be no Saturday meeting in September due to the regular day falling on the Labor Day weekend.

The next item discussed was an increase in advertising rates for the NOVAPPLE newsletter. Rates have not gone up since 1984 and it was felt that because of inflation and expenses of the club going up that a rate increase was about due. The following rates were decided:

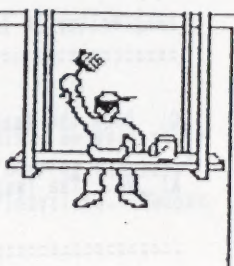
Full page	$50.00
Inside Front Page	$60.00
Inside Back Cover	$60.00
Half Page Back Cover	$40.00
Half page	$35.00
Quarter page	$20.00
Business Card Size	$10.00



The last item on the board's agenda was attendance at meetings. We are getting a low turnout at meetings and we need ways to attract members to our meetings. One way is to offer door prizes to attendees at meetings. It was decided by the board, starting with the meeting in October, that a door prize will be given away at each Saturday meeting, at no cost to those attending. Another way to increase attendance is to have special speakers at our meeting with advance publicity via the newsletter and posters. Tom Lucas discussed the progress that he was making on preparation of a poster or flyer that we could use to increase awareness of NOVAPPLE existance. The meeting adjoined at 9:00 pm.

ELECTIONS TIME!!

Yes!! With the coming of the season of Fall comes " THE NOVAPPLE ELECTIONS OF OFFICERS!"... This exciting event will be happening it the first Saturday meeting in October. >>>> BE THERE <<<<



NOVAPPLE DISK LIBRARY
CATALOG/ORDER FORM

The NOVAPPLE DISK LIBRARY contains public domain software for the APPLE][computers. The disks in the catalog are available to members of NOVAPPLE for a copying charge of $2.00 per disk with a blank exchange disk, or $4.00 without an exchange disk. Disks may be ordered in advance of any meeting by notifying the disk librarian to insure availability of the desired title. Most disks are available at all meetings for immediate sale, subject to prior demand. Orders by mail should include this form and must contain a check for the total amount due.

DISK#	TITLE
( ) 1	UTILITIES #1
( ) 2	UTILITIES #2
( ) 3	TUTRL/INSTRL #1
( ) 4	GAMEPAC #1
( ) 5	GAMEPAC #2
( ) 6	GAMEPAC #3
( ) 7	IAC #4 MISCELLANEOUS
( ) 8	IAC #5 MISCELLANEOUS
( ) 9	CAT-GRAPHIX
( ) 10	FORMAN'S STATISTICS
( ) 11	UTILITIES #3
( ) 12	IAC #8 MISCELLANEOUS
( ) 13	GAMEPAC #4
( ) 14	GAMEPAC #5
( ) 15	EDUCATION #1
( ) 16	EDUCATION #2
( ) 17	ARCADE GAMES
( ) 18	GRAPHICS UTILITIES
( ) 19	APPLESOFT TUTORIAL
( ) 20	EDUCATION #4
( ) 21	UTILITIES #4
( ) 22	GAMEPAC #6 (APPLESOFT)
( ) 23	MORE GRAPHIC UTILITIES
( ) 24	GAMEPAC #7 (INTEGER)
( ) 25	BASEBALL STATISTICS
( ) 39	UTILITIES #5 (IAC#13)
( ) 40	HAYES MICROMODEM UTILITIES
( ) 41	GAMEPAC #8 (APPLESOFT)
( ) 42	GAMEPAC #9 (INTEGER)
( ) 43	CHRISTMAS
( ) 44	MONITOR ADJUST
( ) 45	NEW USER'S DISK (2-SIDES)
( ) 300	GAMEPAC #10 (APPLESOFT)
( ) 301	GAMEPAC #11 (INTEGER)
( ) 302	WAP ABBS - PART 1
( ) 303	WAP ABBS - PART 2
( ) 304	IAC #21 SPREADSHEET
( ) 305	SOFTGRAPH
( ) 306	IAC MACHINE LANGUAGE DISK
( ) 307	EDUCATION #5
( ) 308	PRE-SCHOOL GAMEROOM
( ) 309	APPLE DUMP UTILITIES
( ) 310	GRAPHICS TOOLS
( ) 311	PINBALL CONSTRUCTION SET DEMOS
( ) 312	APPLEWRITER][WPL & GLOSSARY

DISK#	TITLE
( ) 313	APPLE LOGO TOOLKIT
( ) 314	APPLE LOGO TOOLKIT DOCS.
( ) 315	APPLE LOGO SAMPLE PROGRAMS
( ) 316	IAC #31 GAMES & RECIPES
( ) 317	DISK LIBRARY UTILITIES
( ) 318	SUPER FILE CABINET
( ) 319	BEST OF APPLE DAYTON
( ) 320	CHEMISTRY NOTRE DAME UNIVERSITY
( ) 321	CHEMISTRY PROJECT SERAPHIM
( ) 322	CHEMISTRY LAB DREYFUS INST.
( ) 323	CHEMICAL FORMULAS DREYFUS INST.
( ) 324	ASTRONOMY A & B (2-SIDES)
( ) 325	ASTRONOMY B & C (2-SIDES)
( ) 326	UTILITIES & ASST. PROGRAMS
( ) 327	DISK UTILITIES
( ) 328	APPLESOFT GAMES
( ) 330	GAMES & UTILITIES
( ) 331	MULTIPLICATION DRILL
( ) 332	DESK MASTER
( ) 333	GAMES & UTILITIES

PASCAL LIBRARY

( ) 400	INPUT SCREENS
( ) 401	ATTACH BIOS
( ) 402	TEXT FORMATTERS
( ) 403	MISCELLANEOUS #1
( ) 404	DOS - PASCAL HYBRID
( ) 405	MISCELLANEOUS #2
( ) 406	GUERILLA GUIDE (FROM WAP)
( ) 407	MISCELLANEOUS #3 (FROM WAP)

CP/M LIBRARY

( ) 500	UTILITIES #1
( ) 501	UTILITIES #2
( ) 502	COMMUNICATIONS
( ) 503	ZCPR2 INSTALL & DOCS
( ) 504	ZCPR2 DOCUMENTATION
( ) 505	ZCPR2 UTILITIES
( ) 506	CP/M - DOS HYBRID
( ) 507	COMMUNICATIONS
( ) 508	BASIC PROGRAMS
( ) 509	UTILITIES SOURCE CODE
( ) 510	ORIGINAL ADVENTURE

DISK#	TITLE
( ) 700	MASTER CATALOG & NOVAPPLE FILES
( ) 701	WASHINTON APPLE PIE CATALOG
( ) 702	OTHER GROUPS CATALOGS
( ) 710	PRODOS MASTER CATALOG
( ) 711	PRODOS WAP
( ) 712	PRODOS OTHER GROUPS

FORTH LIBRARY

( ) 750	WAP FIG-FORTH (2-SIDES)
( ) 751	ASSEMBLER
( ) 752	FORTH TUTORIAL
( ) 753	FORTH EDITOR

PRODOS LIBRARY

( ) 800	DISK ZAP UTILITY
( ) 801	APPLEWORKS CONFIG. UTILITY
( ) 802	GAMEPAC #1 (SAME AS #41)
( ) 803	1985 TAX TEMPLATES
( ) 804	SUPER FILE CABINET DOCS.
( ) 805	DESK TOP UTILITIES

SPECIAL DISKS

( ) 993	KERMIT-65 (COMMUNICATION)
( ) 994	DOUBLE TALK
( ) 995	MEGA-TERM (COMMUNICATION)
( ) 996	DIVERSI-COPY (VERSION 1.3)*
( ) 997	ONE-KEY DOS*
( ) 998	TOOLBOX (2-SIDES)*
( ) 999	DIVERSI-DOS*

* NOT PUBLIC DOMAIN SOFTWARE

Mail Orders must be prepaid. Allow 4 to 7 days for delivery.

Date: _____

Number of disks ___ x $4.00 ----------$ _____

Mailing charge: $.50 x (# of disks) ---$ _____

TOTAL ENCLOSED --------$ _____

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Name: _____ Phone: _____

Street: _____

City: _____ State: ___ Zip: _____

Send orders to:

NOVAPPLE DISK LIBRARY

c/o PAT HERLANDS
6069 WOOTEN DRIVE
FALLS CHURCH, VA
22042

NORTHERN VIRGINIA COMMUNITY COL.

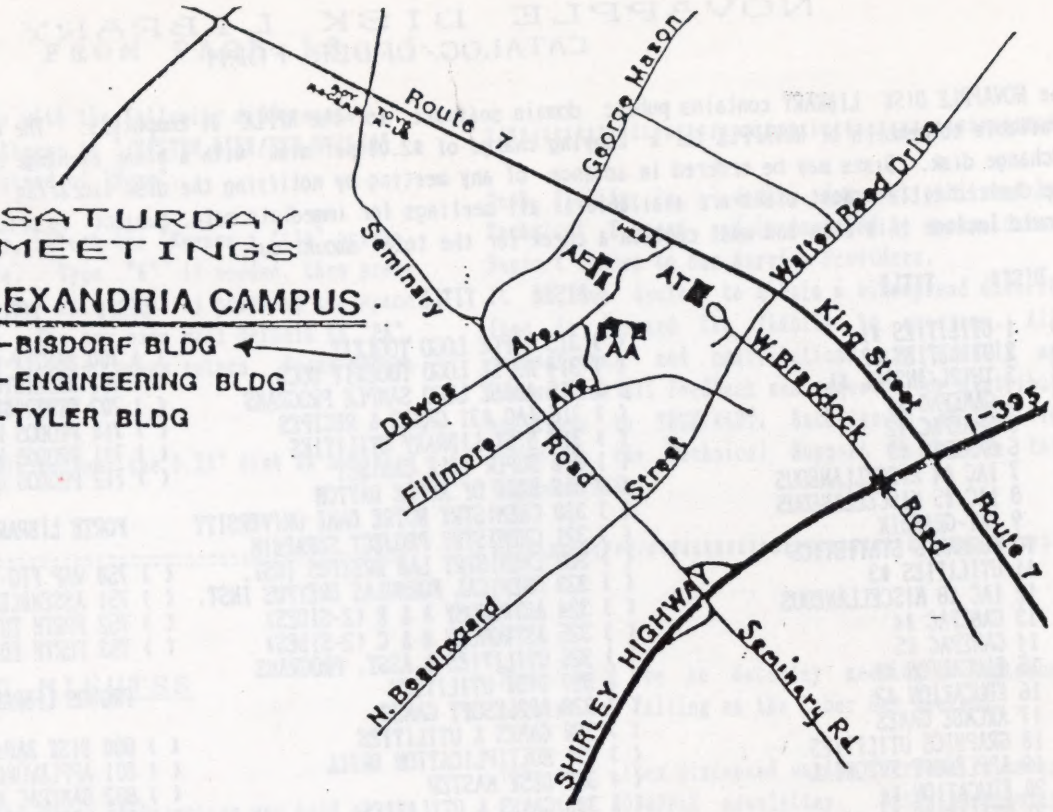
SATURDAY MEETINGS

ALEXANDRIA CAMPUS

AA-BISDORF BLDG

AE-ENGINEERING BLDG

AT-TYLER BLDG



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